

INTERNATIONAL SEARCH REPORT

II International Application No
PCT/EP2004/002691

A. CLASSIFICATION OF SUBJECT MATTER

IPC 7 C07D209/34 A61K31/405 C07D209/54 C07D209/08 A61P25/08

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07D A61K A61P

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, PAJ, BEILSTEIN Data, CHEM ABS Data, WPI Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	CHEMICAL PATENTS INDEX, DOCUMENTATION ABSTRACTS JOURNAL Section Ch, Week 9627 Derwent Publications Ltd., London, GB; Class B02, AN 96-266522 XP002241135 & SU 841 264 A (A MED PHARMACOLOGY RES INST) 10 November 1995 (1995-11-10) cited in the application abstract	1-21
A	US 4 624 963 A (KRUSE HANSJOERG ET AL) 25 November 1986 (1986-11-25) page 1, column 1, line 11 - page 1, column 2, line 7 ----- -/--	1-21

☒ Further documents are listed in the continuation of box C.

☒ Patent family members are listed in annex.

* Special categories of cited documents :

- *A* document defining the general state of the art which is not considered to be of particular relevance
- *E* earlier document but published on or after the international filing date
- *L* document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- *O* document referring to an oral disclosure, use, exhibition or other means
- *P* document published prior to the international filing date but later than the priority date claimed

- *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- *G* document member of the same patent family

Date of the actual completion of the international search

29 June 2004

Date of mailing of the international search report

08/07/2004

Name and mailing address of the ISA

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INTERNATIONAL SEARCH REPORT

In Application No
PCT/EP2004/002691

C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 94/29272 A (ASTRA AB ;BOAR BERNARD ROBIN (GB); SHEA DENNIS MARK O (GB); TOMLIN) 22 December 1994 (1994-12-22) page 2, line 7 - page 3, line 16 -----	1-21
X	EP 0 445 781 A (STERLING DRUG INC) 11 September 1991 (1991-09-11) Preparation 3D page 11, line 18 - page 11, line 18 -----	15
X	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; XP002241130 Database accession no. BRN:6400176 abstract & NILSSON, I. ET AL.: ACTA CHEM. SCAND. SER. B, vol. 39, no. 7, 1985, pages 531-548, -----	15
X	DATABASE CROSSFIRE BEILSTEIN 'Online! Beilstein Institut zur Förderung der Chemischen Wissenschaften, Frankfurt am Main, DE; XP002241131 Database accession no. BRN:4296865 abstract & BELL, M. ET AL.: J.MED.CHEM., vol. 34, no. 3, 1991, pages 1099-1110, -----	15
X	HOTZEL C ET AL: "Design, synthesis, DNA-binding and cytotoxicity evaluation of new potential combilexines" EUROPEAN JOURNAL OF MEDICINAL CHEMISTRY, EDITIONS SCIENTIFIQUE ELSEVIER, PARIS, FR, vol. 37, no. 5, May 2002 (2002-05), pages 367-378, XP004372953 ISSN: 0223-5234 compound 16 figure 2 -----	15
X	WO 98/01428 A (DU PONT MERCK PHARMA) 15 January 1998 (1998-01-15) page 73, line 33 - page 73, line 34; example 202 -----	15
X	EP 0 022 317 A (FUJISAWA PHARMACEUTICAL CO) 14 January 1981 (1981-01-14) page 21, line 11; compound 9 -----	16
A	PATENT ABSTRACTS OF JAPAN vol. 0133, no. 08 (C-617), 14 July 1989 (1989-07-14) & JP 1 095766 A (TAMANOISU KK), 13 April 1989 (1989-04-13) abstract -----	1

INTERNATIONAL SEARCH REPORT

national application No.
PCT/EP2004/002691

Box II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This International Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☒ Claims Nos.: —
because they relate to subject matter not required to be searched by this Authority, namely:
Although claim 19 is directed to a method of treatment of the human/animal body, the search has been carried out and based on the alleged effects of the compound/composition.
2. ☐ Claims Nos.:
because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically:
3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

1. ☐ As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims.
2. ☐ As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee.
3. ☐ As only some of the required additional search fees were timely paid by the applicant, this International Search Report covers only those claims for which fees were paid, specifically claims Nos.:
4. ☐ No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

Remark on Protest

- ☐ The additional search fees were accompanied by the applicant's protest.
- ☐ No protest accompanied the payment of additional search fees.

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
SU 841264	A	10-11-1995	SU 841264 A1	10-11-1995
US 4624963	A	25-11-1986	DE 3413572 A1	24-10-1985
			AU 4106085 A	17-10-1985
			EP 0158278 A2	16-10-1985
			JP 60228459 A	13-11-1985
			ZA 8502638 A	27-11-1985
WO 9429272	A	22-12-1994	AU 7010894 A	03-01-1995
			CA 2164119 A1	22-12-1994
			EP 0703901 A1	03-04-1996
			FI 956074 A	18-12-1995
			JP 8511515 T	03-12-1996
			NO 955074 A	07-02-1996
			WO 9429272 A1	22-12-1994
EP 0445781	A	11-09-1991	AT 133663 T	15-02-1996
			AU 643757 B2	25-11-1993
			AU 7266991 A	12-09-1991
			CA 2036307 A1	09-09-1991
			DE 69116705 D1	14-03-1996
			DE 69116705 T2	26-09-1996
			DK 445781 T3	19-02-1996
			EP 0445781 A1	11-09-1991
			ES 2082872 T3	01-04-1996
			FI 911131 A ,B,	09-09-1991
			GR 3019058 T3	31-05-1996
			HU 56492 A2	30-09-1991
			IE 910700 A1	11-09-1991
			IL 97426 A	31-03-1996
			JP 3157179 B2	16-04-2001
			JP 4235164 A	24-08-1992
			KR 183396 B1	01-05-1999
			MX 24839 A ,B	01-10-1993
			NO 910868 A ,B,	09-09-1991
			NZ 237309 A	25-02-1993
			PH 27022 A	01-02-1993
			PT 96938 A ,B	31-10-1991
			RU 2073670 C1	20-02-1997
			US 5013837 A	07-05-1991
WO 9801428	A	15-01-1998	AU 3645697 A	02-02-1998
			CA 2259573 A1	15-01-1998
			EP 0960102 A1	01-12-1999
			JP 2002514162 T	14-05-2002
			NZ 333696 A	23-06-2000
			WO 9801428 A1	15-01-1998
EP 0022317	A	14-01-1981	JP 55167282 A	26-12-1980
			AT 4713 T	15-10-1983
			DE 3064910 D1	27-10-1983
			EP 0022317 A1	14-01-1981
			JP 1014223 B	10-03-1989
			JP 1531352 C	24-11-1989
			JP 56097268 A	05-08-1981
			US 4370340 A	25-01-1983
			US 4438126 A	20-03-1984

